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Ruth Montalvo

JG-SB-5208/500669.20002

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant:

Lucie GERMAIN, et al.

EV 398 733 845 US

Group:

Serial No.:

10/522,010

Examiner:

Filing Date:

Currently Herewith

Customer No.: 026418

For:

METHOD FOR PREPARING ENGINEERED TISSUE

Commissioner for Patents

PO Box 1450

Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

SIR:

In order to fulfill the requirements of candor and good faith set forth in 37 C.F.R. § 1.56, Applicants submit this Information Disclosure Statement in accordance with the provisions of 37 C.F.R. §§ 1.97 and 1.98.

FOREIGN PATENT REFERENCES

Patent No.:	Country	Publication Date
WO 96/31226	WIPO	Oct. 10, 1996
WO 97/37613	WIPO	Oct. 16, 1997
WO 99/05262	WIPO	Feb. 4, 1999
WO 00/69355	WIPO	Nov. 23, 2000
WO 03/007795	WIPO	Jan. 30, 2003
WO 03/045458	WIPO	June 5, 2003

ARTICLES

- 1. Qing Ye, et al., "Tissue engineering in cardiovascular surgery: new approach to develop completely human autologous tissue" European Journal of Cardio-Thoracic Surgery, Springer Verlag, Berlin, De., Vol. 17, April 2000 (2000-04), pp. 449-454, XP002959353
- 2. L'heureux Nicholas et al., "A Completely biological tissue-engineered human blood vessel", Journal Fed. Of American Soc. For Experimental Biology, Vol. 12, 1998, pp. 47-57, XP002942845

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- 3. Byung-Soo Kim et al., "Cyclic Mechanical Strain Mechanical Strain Regulates the Development of Engineered Smooth Muscle Tissue," Nature Biotechnology, Nature Publishing, US, Vol. 17, No. 10, October 1999, pp. 979-983, XP001145976
- 4. Keiichi Kanda et al., "Mechanical Stress Induced Cellular Orientation and Phenotypic Modulation of 3-D Cultured Smooth Muscle Cells," Asaio Journal, J. B. Lippincott Co., Hagerstown, MD, Vol. 39, No. 3, 1 July 1993, pp. M686-M690, XP000412635
- 5. Lopez, C.A. et al., "Peripheral anchorage of Dermal Equivalents", British Journal of Dermatology, Vol. 127, No. 4, 1992, pp. 365-371, XP009021181

The above-listed references have been cited by the European Patent Office in the Search Report for corresponding application (WIPO Application No. WO 2004/007699) of this application. A copy of the Search Report and each of the above-listed references are enclosed herewith.

The above-listed references are also listed in Form PTO-1449 which is also enclosed herewith.

This submission is not an admission that the information disclosed in the references is material to the patentability of the invention disclosed and/or claimed in the above-identified application. Accordingly, Applicants respectfully submit that the application is in all respects in condition for examination on the merits.

Respectfully submitted,

JEG:vh

Encls: Information Disclosure Statement

PTO-1449

European Search Report

Jules E. Goldberg - Reg.

Reed Smith LLP

599 Lexington Avenue, 29th Floor

New York, NY 10022 Tel. (212) 521-5400 U.S. Patent and Tra 95, no persons are required to respond to a collection of infor oved for use through 04/30/2003. OMB 065 -0031 of Office; U.S. DEPARTMENT OF COMMERCE unless it contains a valid OMB control number.

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Sheet

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of

Complete if Known		
Application Number	10/522,010	
Filing Date	Herewith	
First Named Inventor	Lucie GERMAIN et al.	
Art Unit	1634	
Examiner Name	To be Assigned	
Attorney Docket Number	IG-SB-5208/500669 20002	

			U. S. PATENT D	OCUMENTS	
Examiner Initials*	Cite No.1	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
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	FOREIGN PATENT DOCUMENTS					
Examiner Initials*		Foreign Patent Document		Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages	
		Country Code ^{3 -} Number ^{4 -} Kind Code ⁵ (if known)	MM-DD-YYYY		Or Relevant Figures Appear	T ⁶
		WO 96/31226	10/10/1996	U. Patel et al.		
		WO 97/37613 .	10/16/1997	Plouhar et al.		
		WO 99/05262 ,	02/04/1999	Juergen et al.		
		WO 00/69355	11/23/2000	Gregory et al.		
		WO 03/007795	01/30/2003	LaFrance et al.		
		WO 03/045458 ·	06/05/2003	Germain et al.		

Examiner	Date	
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Substitute for form 1449B/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet	2	of	72

	Complete if Known	105
Application Number	10/522,010	0 4
Filing Date	Herewith	8
First Named Inventor	Lucie Germain et al.	SEP 2 3 2005 W
Art Unit	1634	
Examiner Name	To be Assigned	& TOTAL BURGET
Attorney Docket Number	JG-SB-5208	

		NON PATENT LITERATURE DOCUMENTS	
Examiner Initials*	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T²
	***************************************	QING Ye, et al., "Tissue engineering in Cardiovascular surgery: new approach to develop completely human autologous Tissue," European Journal of Cardio-Thoracic Surgery, Vol. 17, April 2000, pp. 449-454, XP002959353	
		L'HEUREUX Nicholas et al., "A Completely Biological Tissue-Engineered Human Blood Vessel," Journal Fed. of American Soc. For Experimental Biology, Vol. 12, 1998, pp. 47-57. XP002942845	
)	BYUNG-SOO Kim et al., "Cyclic Mechanical Strain Mechanical Strain Regulates the Development of Engineered Smooth Muscle Tissue," Nature Biotechnology, Nature Publishing, US, Vol. 27, No. 10, October 1999, pp. 979-983, XP001145976	
		KEIICHI Kanda et al., "Mechanical Stress Induced Cellular Orientation and Phenotypic Modulation of 3-D Cultured Smooth Muscle Cells," Asaio journal, J.B. Lippincott Co., Vol. 39, No. 3, 1 July 1993, pp. M686-690,	
*****************	***************************************	LOPEZ, C.A. et al., "Peripheral Anchorage of Dermal Equivalents," British Journal of Dermatology, Vol. 127, No. 4, 1992, pp. 365-371, XP009021181	

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¹ Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 120 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.